Title (en)

POROUS MEDIUM PARAMETER MEASUREMENT DEVICE

Title (de)

VORRICHTUNG ZUR MESSUNG DER PARAMETER EINES PORÖSEN MEDIUMS

Title (fr)

DISPOSITIF DE MESURE DE PARAMÈTRE DE MILIEU POREUX

Publication

EP 3867622 A4 20220727 (EN)

Application

EP 19873472 A 20190930

Priority

- US 201862747917 P 20181019
- CA 2019051395 W 20190930

Abstract (en)

[origin: WO2020077440A1] The present technology generally relates to a porous medium parameter measurement device. The porous medium parameter measurement device comprises: a liquid permeable portion comprising a fluid permeable component and a polymer swellable solution; and comprises a gas permeable portion comprising a gas permeable component. The liquid permeable portion is in operative communication with the gas permeable portion through the gas permeable component; and the gas permeable component acts to purge gases from the liquid permeable component and the polymer swellable solution.

IPC 8 full level

G01N 15/08 (2006.01); **G01N 13/02** (2006.01); **G01N 19/10** (2006.01); **G01N 33/24** (2006.01); **G01V 9/00** (2006.01)

CPC (source: EP US)

G01N 13/02 (2013.01 - EP); **G01N 15/0806** (2013.01 - US); **G01N 15/0826** (2013.01 - US); **G01N 19/10** (2013.01 - EP); **G01N 33/246** (2013.01 - EP); G01N 33/246 (2013.01 - US)

Citation (search report)

- [E] EP 3655755 A1 20200527 - I DRIPPER LTD [IL]
- [A] US 2002112531 A1 20020822 - HUBBELL JOEL M [US], et al
- [A] US 6308563 B1 20011030 - HUBBELL JOEL M [US], et al
- [A] US 6782909 B1 20040831 - RAGLESS CLIVE LINDSAY [AU]
- [A] US 4068525 A 19780117 - SKALING PERCY E
- [A] JP 2014041054 A 20140306 - JAPAN ATOMIC ENERGY AGENCY, et al
- [A] SU 966571 A1 19821015 - LE G PROEKTNO IZYSKATELSKOGO N [SU]
- See also references of WO 2020077440A1

Cited by

EP4407311A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2020077440 A1 20200423; AU 2019360360 A1 20210415; BR 112021006738 A2 20210713; CA 3114766 A1 20200423; CL 2021000949 A1 20211029; CN 112955728 A 20210611; EP 3867622 A1 20210825; EP 3867622 A4 20220727; EP 3867622 B1 20240515; EP 3867622 C0 20240515; EP 4407311 A2 20240731; EP 4407311 A3 20241002; ES 2980809 T3 20241003; US 11703438 B2 20230718; US 2021396643 A1 20211223; US 2023304911 A1 20230928

DOCDB simple family (application)

CA 2019051395 W 20190930; AU 2019360360 A 20190930; BR 112021006738 A 20190930; CA 3114766 A 20190930; CL 2021000949 A 20210416; CN 201980068562 A 20190930; EP 19873472 A 20190930; EP 24174684 A 20190930; ES 19873472 T 20190930; US 201917281185 A 20190930; US 202318203774 A 20230531